

# APPENDIX B

## FORMS AND EXAMPLES

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## **EXAMPLE**

### **(HABITAT RESTORATION PROJECT LANDOWNER AGREEMENT)**

#### **ACME STUMP GRUBBERS**

P.O. Box 456

Halfway Hill, CA 95677

### **STREAM HABITAT RESTORATION PROJECT AGREEMENT**

Trickle Creek Stream Restoration Project #1

#### **I. PURPOSE**

The following agreement details requirements of both the landowner and the Acme Stump Grubbers regarding establishment of a stream habitat improvement project on real property controlled by the landowner named below. Said property is located approximately two miles upstream from the mouth of Trickle Creek, tributary to Ample Creek (see map attached to proposal).

I, \_\_\_\_\_, hereinafter "Landowner", am aware that a stream habitat restoration project has been submitted to the Department of Fish and Game for funding consideration. I understand the objectives of the project as proposed in the Trickle Creek Stream Restoration Project #1 (see proposal). The project has been explained to me by the Acme Stump Grubbers. I support the goals of the project.

#### **II. ACCESS PERMISSION**

Landowner hereby grants Acme Stump Grubbers and California Department of Fish and Game representatives permission to enter onto real property owned by the Landowner to perform pre-project evaluation; and, if an agreement for the project is entered into between the Acme Stump Grubbers and the California Department of Fish and Game, Landowner grants permission to perform the stream habitat restoration work, conduct project inspections, and monitor project for needed maintenance for a 10-year period following project completion. Access shall be limited to those portions of landowner's real property where actual stream restoration work is to be performed and those additional portions of the real property which must be traversed to gain access to the work site.

#### **III. DURATION OF NOTICE**

The term of this agreement shall be \_\_\_\_\_ months for work performance, and 10 years for maintenance, inspection, and monitoring purposes from the last date of execution shown below. This is provided that Acme Stump Grubbers or the California Department of Fish and Game shall give Landowner reasonable actual notice and any necessary arrangements are made prior to each needed access. Reasonable and actual notice may be given by mail, in person, or by telephone.

This agreement can be amended only by prior written agreement of both parties executing this permit.

#### **IV. LIABILITIES**

Reasonable precautions will be exercised by Acme Stump Grubbers to avoid damage to persons and property.

Acme Stump Grubbers agrees to indemnify and hold harmless the landowner and agrees to pay for reasonable damages proximately caused by reason of the uses authorized by this permit, except those caused by the gross negligence or intentional conduct of the landowner.

Date \_\_\_\_\_  
\_\_\_\_\_  
Landowner Signature

Date \_\_\_\_\_  
\_\_\_\_\_  
Chuck E. Chainsaw  
Acme Stump Grubbers

## **EXAMPLE**

**(RIPARIAN AREA MANAGEMENT PLAN LANDOWNER AGREEMENT)**  
**ACME STUMP GRUBBERS**  
P.O. Box 456  
Halfway Hill, CA 95677

### **RIPARIAN AREA MANAGEMENT PLAN AGREEMENT**

#### **I. PURPOSE**

The following agreement details the requirements of both the landowner and the Acme Stump Grubbers regarding a livestock exclusion, riparian vegetation restoration project on the real property controlled by the landowner named below. Said property is located approximately two miles upstream of the mouth of Trickle Creek, tributary to Ample Creek (see map attached to proposal).

I, \_\_\_\_\_, hereinafter called "Landowner", am aware that a riparian vegetation restoration project has been submitted to the California Department of Fish and Game for funding consideration. I understand the objectives of the project as proposed in the Trickle Creek Stream Restoration Project #1 (see proposal). The project has been explained to me by Acme Stump Grubbers. I support the goals of the project.

For the purpose of this agreement, riparian area shall be defined as the area, including the necessary fence(s), between the fence(s) and the middle of the stream channel. This specifically includes the stream bank and associated vegetation within this area.

I understand the purpose of the livestock exclusion fence detailed in the proposal mentioned above is to exclude livestock from the riparian zone on my property. The fence will allow mature riparian vegetation to become reestablished. A mature riparian community will provide increased stream bank stability, shade and cover for fish and wildlife. The project can only be successful if the fence is maintained long enough for the riparian community to become reestablished.

#### **II. REQUIREMENTS**

Acme Stump Grubbers agrees to:

1. Contingent on receiving funding from the California Department of Fish and Game, provide monies for purchase of materials and supplies to construct livestock exclusion fencing on landowners real property as described in proposal.
2. Provide labor necessary for initial installation of livestock exclusion fencing on landowner's real property.
3. Provide technical assistance during the contract life for management of the riparian area.

Landowner agrees to:

1. Maintain livestock exclusion fence(s) for a period of 10 years from the last date of execution shown below. Maintenance will include repair of fences to a level that will effectively exclude livestock from the livestock exclusion project area. Maintenance will not include damage that exceeds 50 percent of the fence due to natural disaster.
2. Totally exclude livestock from the project area until newly planted trees become well-established. If controlled, limited grazing is essential, landowner will submit a written plan, to the California Department of Fish and Game for approval, that will detail how the limited grazing will not cause damage to desirable vegetation or stream banks within the project area.
3. Once it has been established by the California Department of Fish and Game that limited grazing within the project area is acceptable, grazing will be limited to an amount that will not cause damage to the newly planted trees or stream banks. Generally acceptable limits will be to remove 50 percent of the current year growth of grasses and forbs. Livestock shall be removed before they begin to browse on woody plants. Newly planted trees damaged by browsing will be replaced at landowners' expense.

### **III. DURATION OF NOTICE**

The term of this agreement shall be \_\_\_\_\_ months for work performance, and 10 years for maintenance, inspection, and monitoring purposes from the last date of execution shown below. This is provided that Acme Stump Grubbers or the California Department of Fish and Game shall give Landowner reasonable actual notice prior to each needed access. Reasonable and actual notice may be given by mail, in person, or by telephone. This agreement can be amended only by prior written agreement of both parties executing this permit.

### **IV. LIABILITIES**

Reasonable precautions will be exercised by Acme Stump Grubbers to avoid damage to persons and property.

Acme Stump Grubbers agrees to indemnify and hold harmless the landowner and agrees to pay for reasonable damages proximately caused by reason of the uses authorized by this permit, except those caused by the gross negligence or intentional conduct of the landowner.

Date \_\_\_\_\_  
\_\_\_\_\_  
Landowner Signature

Date \_\_\_\_\_  
\_\_\_\_\_  
Chuck E. Chainsaw  
Acme Stump Grubbers

## **EXAMPLE**

### **UPSLOPE EROSION CONTROL PROJECT AGREEMENT**

#### **I. PURPOSE**

The following agreement details the requirements of both the Landowner and the Contractor regarding an upslope erosion control project. This project is on the real property controlled by the Landowner named below. Said property is located on (Name of watershed) (attached map).

I, \_\_\_\_\_, hereinafter called "Landowner" am aware that an upslope erosion control project has been submitted to the California Department of Fish and Game, for funding consideration. I understand the objective of the project as proposed in the (insert name of proposal). The project has been explained to me by (Contractor). I support the erosion control goal of the project.

For the purposes of this agreement, the project will include any upslope erosion control, road upgrade, or stream crossing remediation project that is included in the proposal. I understand the purpose of the erosion control project is to reduce fine sediment from entering (name of stream). This reduction of sediment will facilitate the recovery of salmonids in the (name of watershed) watershed. The project can only be successful if the erosion control project is maintained by the Landowner or the Contractor, who ever is designated in this agreement.

#### **II. ACCESS PERMISSION**

Landowner hereby grants \_\_\_\_\_ Contractor \_\_\_\_\_ and California Department of Fish and Game representatives permission to enter onto real property owned by the landowner to perform pre-project evaluation; and, if an agreement for the project is entered into between the \_\_\_\_\_ Contractor \_\_\_\_\_ and the California Department of Fish and Game, landowner grants permission to perform the upslope erosion control work, conduct project inspections, and monitor project for needed maintenance following project completion. Access shall be limited to those portions of landowner's real property where actual upland erosion control work is to be performed and those additional portions of the real property which must be traversed to gain access to the work site.

#### **III. REQUIREMENTS**

Contractor agrees to:

Contingent on receiving funding from the California Department of Fish and Game, provide monies for purchase of materials and supplies to complete the project, on the Landowner's real property, as described in the project description in the proposal.

Provide the heavy equipment and labor to complete the described project on the Landowner's real property.

Landowner agrees to:

Maintain the erosion control project, for a period of not less than 10 years, from the last date of execution shown below. Maintenance will consist of repair to the road or stream crossing to a level that will effectively reduce sediment from entering (name of stream). In the event of an act of nature which results in partial or complete failure of the project, the Landowners and/or Contractor will not be held responsible for costs incurred up to the date of the act of nature. Acts of nature include, but are not limited to: floods, earthquakes, volcanic eruptions, wind storms.

#### **IV. DURATION OF NOTICE**

The term of this agreement shall be \_\_\_\_\_ months for work performance, and 10 years for maintenance, inspection, and monitoring purposes from the last date of execution shown below. This is provided that the contractor or the California Department of Fish and Game shall give Landowner reasonable actual notice prior to each needed access. Reasonable and actual notice may be given by mail, in person, or by telephone. This agreement can be amended only by prior written agreement of both parties executing this agreement.

## V. LIABILITIES

Reasonable precautions will be exercised by Contractor to avoid damage to persons and property.

The Contractor agrees to indemnify and hold harmless the landowner and agrees to pay for reasonable damages proximately caused by reason of the uses authorized by this permit, except those caused by the gross negligence or intentional conduct of the landowner.

Print Landowner name \_\_\_\_\_

Landowner address \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
Landowner Signature and date

Print Contractor name \_\_\_\_\_

Contractor address \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
Contractor Signature and date

## **EXAMPLE**

### **(COOPERATIVE FISH REARING PROJECTS LANDOWNER AGREEMENT)**

#### **Dry Creek Salmon Enhancement Project**

P.O. Box 123

Pine Valley, CA 95678

#### **Access/Entry Agreement**

### **I. PURPOSE**

The following agreement details requirements of both the landowner and the Dry Creek Salmon Enhancement Project regarding establishment of a fishery enhancement project on real property controlled by the landowner named below. Said property is located four and one half miles from the mouth of Dry Creek, tributary to Muddy River (See map attached to proposal).

I, \_\_\_\_\_, hereinafter referred to as "Landowner", am aware that a fish rearing facility and trapping sites are located on Dry Creek, tributary to Muddy River, located on Big Trees Lumber Company property. The project has been explained to me by the Dry Creek Salmon Enhancement Project. I support the goals of the project.

### **II. ACCESS PERMISSION**

Landowner hereby grants Dry Creek Salmon Enhancement Project and California Department of Fish and Game representatives permission to enter onto real property owned by the Landowner to perform pre-project evaluation; and, if an agreement for the project is entered into between the Dry Creek Salmon Enhancement Project and the California Department of Fish and Game, Landowner grants permission to perform the fishery enhancement work, to conduct field inspections, and to monitor project for needed maintenance or equipment removal for the life of the project. Access shall be limited to those portions of landowner's real property where actual fishery enhancement work is to be performed and those additional portions of real property which must be traversed to gain access to the work site.

### **III. DURATION OF NOTICE**

The term of this agreement shall commence upon signing of this Agreement and terminate on \_\_\_\_\_. This Agreement may be terminated by either party at any time, without cause, upon sixty (60) days written notice to the other party.

### **IV. LIABILITIES**

Reasonable precautions will be exercised by Dry Creek Salmon Enhancement Project to avoid damage to persons and property.

Dry Creek Salmon Enhancement Project agrees to indemnify and hold harmless the landowner and agrees to pay for reasonable damages proximately caused by reason of the uses authorized by this permit, except those caused by the gross negligence or intentional conduct of the landowner.

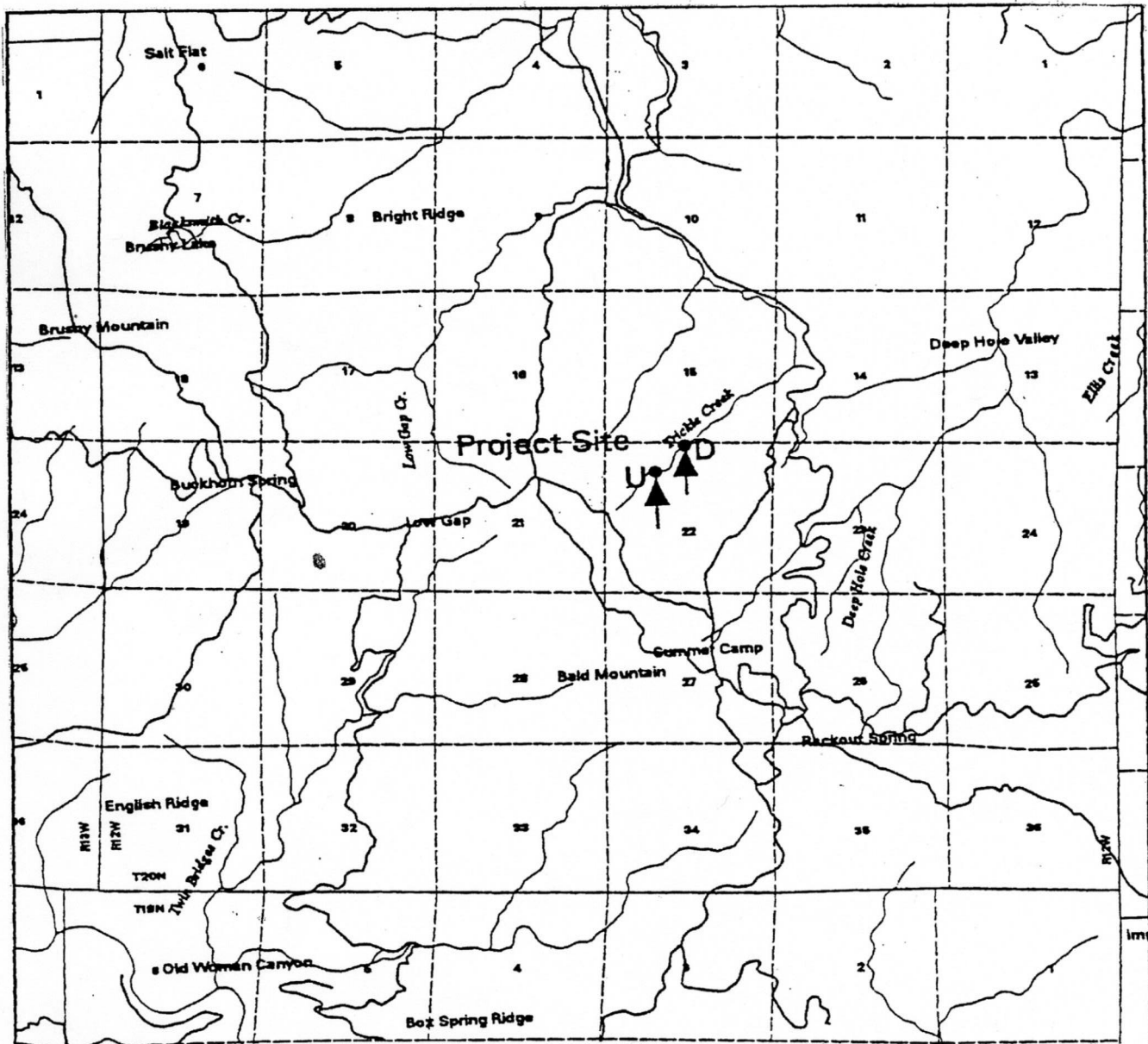
Date \_\_\_\_\_

\_\_\_\_\_  
Landowner Signature

Date \_\_\_\_\_

\_\_\_\_\_  
Bob R. Float  
Dry Creek Salmon Enhancement Project

EXAMPLE PROJECT SITE MAP  
ACME STUMP GRUBBERS  
Trickle Creek Stream Restoration Project No. 1



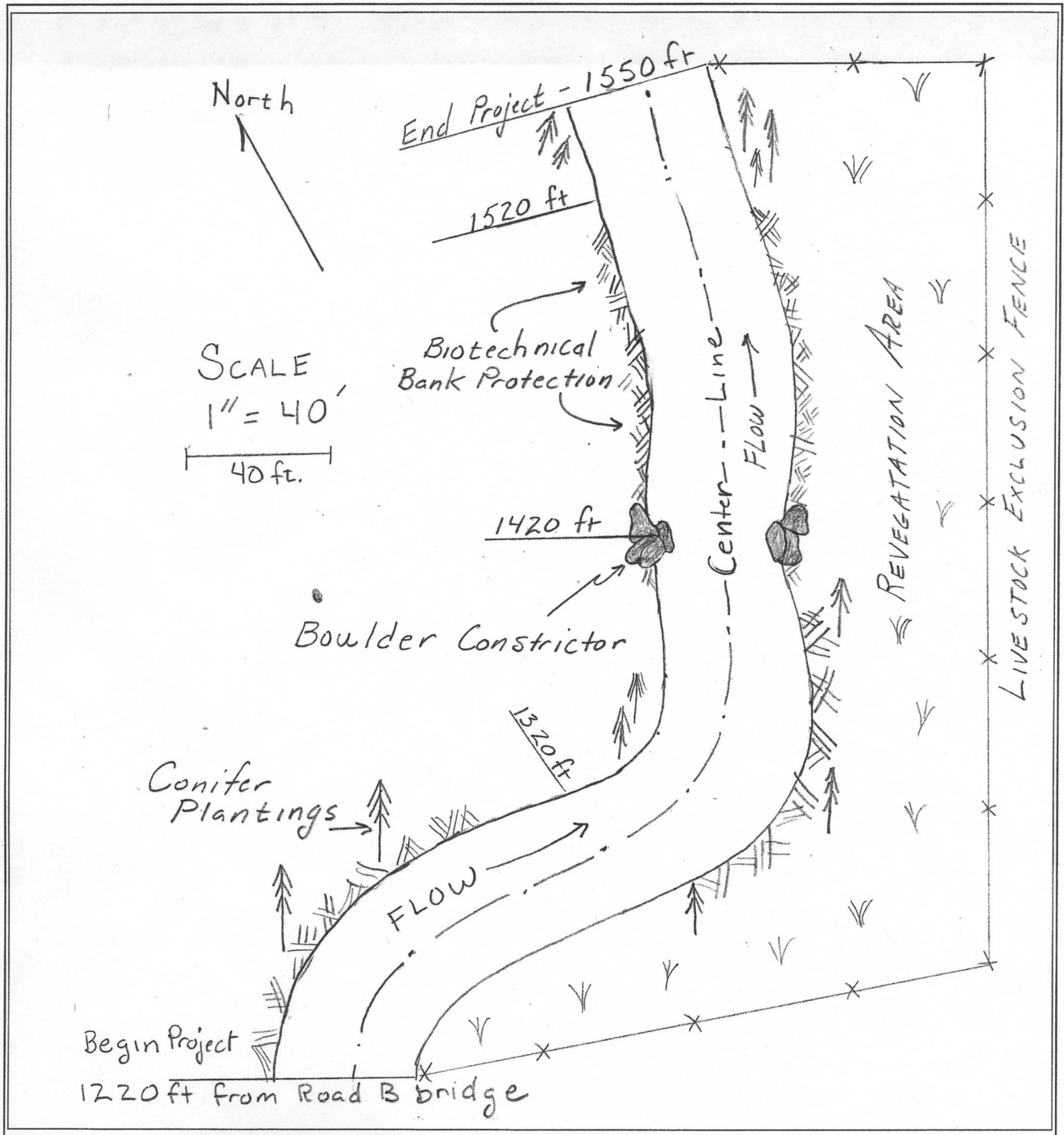
United States Geological Survey ,  
7.5 minute Topographic Map; Stinker Quadrangle, 1956 edition,

SCALE  
1 mile





EXAMPLE



PLAN VIEW: TRICKLE CREEK RESTORATION PROJECT No. 1

ACME STUMP GUBBERS

APRIL 15, 2002

## EXAMPLE

### ESTIMATED BUDGET BULLNOSE CREEK DIVERSION IMPROVEMENT PROJECT

			Amount Requested	Amount of Cost Share	Total Project Cost
<b>PERSONAL SERVICES COSTS</b>					
	<u>Number of Hours</u>	<u>Hourly Rate</u>			
<u>Level of Staff</u>					
Implementation Coordinator	400	18.63	\$5,589.00	\$1,863.00	\$7,452.00
Restoration Technicians	1000	15.00	\$10,000.00	\$5,000.00	\$15,000.00
Project Manager	100	22.50	\$2,250.00		\$2,250.00
District Manager	25	25.00	\$625.00		\$625.00
GIS Specialist	50	19.00	\$950.00		\$950.00
Project Engineer	100	30.00	\$3,000.00		\$3,000.00
Field Technician	218	11.00	\$0.00	\$2,398.00	\$2,398.00
Subtotal			\$22,414.00	\$9,261.00	\$31,675.00
Staff Benefits @ 23.00%			\$5,155.00	\$2,130.00	\$7,285.00
<b>TOTAL PERSONAL SERVICES COSTS</b>			<b>\$27,569.00</b>	<b>\$11,391.00</b>	<b>\$38,960.00</b>

Include only your employees

A staff benefit amount must be listed

### OPERATING EXPENSES

<u>Description</u>	<u>Number of Units</u>	<u>Unit Price</u>			
<b>Subcontractors</b>					
Excavator	50 hours	\$125.00	\$5,000.00	\$1,250.00	\$6,250.00
Dozer	170 hours	\$60.00	\$10,200.00		\$10,200.00
10 yd. Dumptruck	40 hours	\$55.00	\$2,200.00		\$2,200.00
Design Specialist	120 hours	\$60.00	\$7,200.00		\$7,200.00
Exclusion Fencing	300 feet	\$4.00	\$1,200.00		\$1,200.00
<b>Materials and Supplies</b>					
Quarry Rock	1000 Cu. Yds.	\$16.25	\$16,250.00		\$16,250.00
4'+ diameter boulders	48 each	\$80.00	\$3,840.00		\$3,840.00
Head gates	2 each	\$600.00	\$1,200.00		\$1,200.00
Filter fabric	12 rolls	\$314.00	\$3,768.00		\$3,768.00
Seeds, plants, fertilizer			\$400.00	\$200.00	\$600.00
Liability Insurance			\$150.00		\$150.00
Office lease	12 months	\$60.00		\$720.00	\$720.00
Office equipment lease			\$250.00		\$250.00
Transportation	750 miles	\$0.34	\$255.00		\$255.00
Per Diem	12 days	\$40.00		\$480.00	\$480.00
Postage			\$40.00		\$40.00
Printing and copying			\$50.00	\$50.00	\$100.00
<b>TOTAL OPERATING COSTS</b>			<b>\$52,003.00</b>	<b>\$2,700.00</b>	<b>\$54,703.00</b>

Travel Maximum rates allowed

SUBTOTAL

If more than 10%,  
attach justification

\$79,572.00 \$14,091.00 \$93,663.00

ADMINISTRATIVE OVERHEAD @

10.00%

\$7,957.00 \$1,409.00 \$9,366.00

TOTAL ESTIMATED BUDGET

\$87,529.00 \$15,500.00 \$103,029.00

= \$15,500 / \$103,029 X  
100

COST SHARE PERCENTAGE =

15.00%

SOURCE AND AMOUNT OF COST SHARE:

U.S. Fish  
and  
Wildlife  
Service

ALL Cost  
Share must be  
itemized

\$5,200.00

U.S.  
Forest  
Service

\$4,200.00

Jefferson  
County  
D.O.T.

\$4,221.00

**TOTAL  
AMOUNT  
OF  
COST  
SHARE:**

\$13,621.00

## Estimated Budget

Project Title :

	Amount Requested	Amount of Cost Share	Project Total
<b>PERSONAL SERVICES COSTS</b>			
<u>Level of Staff</u>	<u>Number of Hours</u>	<u>Hourly Rate</u>	
		\$	\$
		\$	\$
		\$	\$
		\$	\$
		\$	\$
		\$	\$
		\$	\$
Subtotal		\$	\$
Staff Benefits @ <input type="text"/> %		\$	\$
<b>TOTAL PERSONAL SERVICES COSTS</b>		\$	\$
<b>OPERATING EXPENSES</b>			
	<u>Number of Units</u>	<u>Unit Cost</u>	
Subcontracts:		\$	\$
		\$	\$
		\$	\$
Materials and supplies:		\$	\$
		\$	\$
		\$	\$
		\$	\$
		\$	\$
		\$	\$
		\$	\$
		\$	\$
		\$	\$
		\$	\$
<b>TOTAL OPERATING EXPENSES</b>		\$	\$
<b>SUBTOTAL</b>		\$	\$
<b>ADMINISTRATIVE OVERHEAD @</b> <input type="text"/> %		\$	\$
<b>TOTAL ESTIMATED BUDGET</b>		\$	\$

COST SHARE PERCENTAGE =  %

SOURCE(S) AND AMOUNT(S) OF COST  
SHARE:

	\$
	\$
	\$
<b>TOTAL AMOUNT OF COST SHARE:</b>	\$

## Instructions for Completing Estimated Budget

Refer to the example budget on Page B14

Proposals not conforming to this format will be considered non-compliant and will be rejected.

### General Information:

- The budget must contain all project costs.
- Projects approved for funding will be required to submit invoices matching this budget format.
- It is recommended you create and save your budget and proposal in a *Microsoft Word®* compatible word processing or spreadsheet program. If the proposal is funded, the information can be sent electronically to DFG staff without reformatting it. A fill and print budget template is provided on page B12.

### Personal Services Costs : All employee costs required to complete the proposed project.

- List each personnel classification, their total hours, hourly pay rate and the calculated total.
- A "Staff Benefit(s)" amount must be listed and calculated.
- Do not list subcontracts in this section. Subcontracts are listed as Operating Expenses.

### Operating Expenses: Materials, contractual services, equipment and incidental costs.

Contractual Services are those necessary for the implementation of the proposal for which the applicant will subcontract. These services are undertaken by a provider external to the applicant's organization.

- List each subcontractor on a separate line.

### Other Operating Expenses: Expenses related to the operation of the proposal.

- Provide as much cost detail as possible and practical. Use unit costs when applicable (per lb., per day, cubic yard, linear foot, etc.).
- See page B22 - B23 for examples of standardized costs. These costs are to be used as a guide. They have been established for typical projects, using information from past experience, and from DFG operating cost records. Budgets submitted with higher than standard costs should include adequate justification (see page 6).
- Purchase of equipment with Grant funds is not normally allowed. See page 6, paragraph 3 for equipment definitions and restrictions.
- Travel: Expenses must be consistent with state guidelines for reimbursed travel expenses. Per diem and mileage rates may not exceed: lodging \$84 plus tax, \$40 per day for food, and \$.34 per mile

### Administrative Overhead: Should be applied only to projected administrative costs that cannot be recovered in other budget categories.

- Administrative overhead in excess of 10% must be justified on a separate attachment.

### Cost Share: Cost share can be either money, or resources other than money, provided by the applicant or private companies, nonprofit organizations, public agencies and/or other entities involved in the implementation of the Proposal.

- Cost share percentage is calculated using this formula:

$$\text{Cost share percentage} = \frac{\text{Total Cost Share Dollars}}{\text{Project Total}} \times 100$$

**Note:** "project total" is equal to the amount requested plus the total cost share amount

- Proposals must identify each cost share source and amount on the bottom of the budget page.

**THIS BUDGET FORMAT MUST BE USED OR PROPOSAL WILL BE REJECTED**

**EXAMPLE**

**Dry Creek Salmon Enhancement Project  
ESTIMATED BUDGET**

			Amount Requested	Amount of Cost Share	Project Total
<b><u>PERSONAL SERVICES COSTS</u></b>					
<b><u>Level of Staff</u></b>	<b><u>Number of Hours</u></b>	<b><u>Hourly Rate</u></b>			
Hatchery Manager	1000	\$10.00	\$5,000.00	\$5,000.00	\$10,000.00
Fish Culturist	1500	8.00	5,000.00	7,000.00	12,000.00
Assistant/Laborer	500	7.00	1,750.00	1,750.00	3,500.00
Volunteer Labor	700	5.50		3,850.00	3,850.00
Staff Benefits at 28%			3,290.00	4,928.00	8,218.00
<b>TOTAL PERSONAL SERVICES COSTS</b>			<b><u>15,040.00</u></b>	<b><u>22,528.00</u></b>	<b><u>37,568.00</u></b>
<b><u>OPERATING EXPENSES</u></b>					
Construction supplies (Fiberglass panels for Trough covers)			100.00	100.00	200.00
Fish cultural supplies (1mg MS222 @ \$50/mg, 10 lbs salt @ \$100/lb, 3 nets @ \$500/ea., 3 pr. wading boots @ \$150/pr.)			2,000.00	1,000.00	3,000.00
Fish food (Starter Diet: 160kg at 1.80/kg Grower: 200kg at 2.40/kg Moist/Semi-moist pellets: 2,000 lbs at 0.61/lb)			2,000.00	0.00	2,000.00
Postage			60.00	0.00	60.00
Printing and duplicating			50.00	0.00	50.00
Telephone			100.00	0.00	100.00
Tools and instruments			0.00	200.00	200.00
Transportation costs (294 mi. @ 0.34/mi)			100.00	0.00	100.00
Utilities			300.00	0.00	300.00
Liability Insurance			250.00	300.00	550.00
<b>TOTAL OPERATING EXPENSES</b>			<b><u>4,960.00</u></b>	<b><u>1,600.00</u></b>	<b><u>6,560.00</u></b>
<b>TOTAL ESTIMATED BUDGET</b>			<b><u>\$20,000.00</u></b>	<b><u>\$24,128.00</u></b>	<b><u>\$44,128.00</u></b>

PERCENT COST SHARE: 54.7%

SOURCE OF FEDERAL COST SHARE: U.S. Fish and  
Wildlife Service

AMOUNT OF FEDERAL COST SHARE (IF ANY): \$24,128.00

## EXAMPLE

### (INSTRUCTIONS FOR ESTIMATED BUDGET)

#### PERSONAL SERVICES COSTS

You must include each level of staffing necessary to complete the proposed project, the number of hours for each level, the hourly rate and an extended total. For example:

Level of Staff	Number of Hours	Hourly Rate	Total
Hatchery Manager	1000	\$10.00	\$ 10,000.00
Fish Culturist	1500	8.00	12,000.00
Assistant/Laborer	500	7.00	3,500.00
Volunteer Labor	700	5.50	<u>3,850.00</u>
Total			\$ 29,350.00
Staff Benefits at 26%			<u>8,218.00</u>
TOTAL PERSONAL SERVICES COSTS			\$ 37,568.00

#### OPERATING EXPENSES

Provide as much detail as possible. For example:

Construction supplies:  
    Fiberglass panels for trough covers  
Fish food:  
    Number of pounds at cost per pound  
Equipment lease/rental:  
    Dump truck -- two days at cost per day

Apply administrative overhead on a percentage basis only for those administrative costs incurred to complete the project that cannot otherwise be included as costs in other budget categories. "Percentage" administrative or "overhead" costs must be justified on a line-item basis at contract conclusion if requested by the contracting State agency (DFG) or during contract auditing.

#### COST SHARE CALCULATION

The cost share percentage is calculated by using the following formula:

$$\text{Cost share percent} = \text{Cost share dollars} / \text{Total project cost} \times 100$$

Note: Total project cost = amount requested plus cost share claimed.

Example: cost share amount	=	\$24,128
<u>amount requested</u>	=	<u>\$20,000</u>
total project cost	=	\$44,128

$$\text{Cost share} = 24,128 / 44,128 \times 100 = 54.7\%$$

**Use this in conjunction with sample budget format on proceeding page. Projects receiving funds will be required to use this format for billing DFG.**

**IMPORTANT NOTE:** PROJECTS WITH FEDERAL COST SHARE MUST INDICATE THE SOURCE AND DOLLAR AMOUNT ON THE LAST TWO LINES OF THE BUDGET AS SHOWN. FAILURE TO PROVIDE THIS INFORMATION WHEN APPLICABLE MAY BE CONSIDERED NON-RESPONSIVE AND/OR RESULT IN THE WITHDRAWAL OF FUNDING APPROVAL.

**EXAMPLE**

**Dry Creek Salmon Enhancement Project  
Summary of Production Costs for Past Five Years**

Average Broodyear Cost/Fish	Number of Fish Released	Project	Total Cost
1996/97	50,000 fingerlings 50,000 yearlings	\$40,000	\$0.40
1995/96	47,000 fingerlings 55,000 yearlings	\$44,000	\$0.46
1994/95	40,000 fingerlings 35,000 yearlings	\$31,000	\$0.41
1993/94	57,000 fingerlings 58,000 yearlings	\$42,500	\$0.36
1992/93	35,000 fingerlings 27,000 yearlings	\$26,000	\$0.41

Annual production costs have been below Production Cost Standards for the past five years.



# Environmental Project Questionnaire

Proposer must complete and submit this form with proposal or proposal will be rejected. *If explanation exceeds space provided please provide additional explanations on separate paper.*

	Yes	Maybe/ Uncertain	No	Please explain if you responded “yes” or “maybe/uncertain”
1. Will the project or activity involve work on the bank of a river, stream, lake, or on slopes immediately adjacent to a river, stream or lake?				
2. If you answered “yes” to #1, will the project or activity involve any of the following:				
a. Removal of any vegetation?				
b. Excavation of the bank?				
c. Removal or storage of fill material from roads or stream crossings?				
d. Placement of bank protection or stabilization structures or materials (e.g., gabions, riprap, concrete slurry/sacks)?				
3. Will the project or activity take place in, adjacent to, or near a river that has been designated as “wild and scenic” under state or federal law?				
4. Will the project or activity involve work in the bed, or channel of a river, stream, or lake?				
5. Will the project or activity involve the placement of any permanent or temporary structure in a river, stream, or lake?				
6. If you answered “yes” to #5, describe the types of structures to be placed in a river, stream, or lake:				
7. Will the project involve the use of material from a streambed?				
8. Will the project or activity result in the disposal or deposition of debris, waste, sediment or other material in a river, stream, or lake?				
a. If you answered “yes” to #8, describe the material that will be disposed of or deposited in the river stream, or, lake:				

	Yes	Maybe/ Uncertain	No	Please explain if you responded “yes” or “maybe/uncertain”
9. Will any type of construction equipment be used?				
a. If you answered “yes” to #9, describe the type of equipment that will be used:				
b. Will it be used in a river, stream, or lake?				
c. Will it be used on slopes greater than 30%?				
10. Does the project or activity area flood or periodically become inundated with water?				
11. Will water need to be diverted from a river, stream, or lake for the project or activity?				
12. If you answered “yes” to #11, please answer the following:				
a. Will this be a temporary diversion?				
b. Will the water be diverted by means of a dam, reservoir, or other water impoundment structure?				
13. Will water quality be affected by the deposition of silt, an increase in water temperature, a change in the pH level, or in some other way?				
14. Will the project or activity be done pursuant to a water right application or permit?				
15. Will the project or activity affect fish, amphibians, insects, or other aquatic resources?				
16. Will the project or activity affect terrestrial wildlife?				
17. Are any endangered or rare plant species thought or known to occur in the area where the proposed project or activity will take place?				
18. Are any endangered or threatened fish, bird, or animal species thought or known to occur in the area where the proposed project or activity will take place?				
19. Have you contacted any other local, State, or federal agency regarding the project or activity?				

	Yes	Maybe/ Uncertain	No	Please explain if you responded “yes” or “maybe/uncertain”
a. If you answered “yes” to #19, please list the names of the agencies you have contacted:				
20. Have you applied for or obtained any permit, agreement, or other authorization for your project or activity from any government agency?				
If you answered “yes” to #20, please list the names or describe the permit, agreement, or authorization you have applied for or obtained:				
21. Have any environmental documents pertaining to your project or activity been prepared?				
a. If you answered “yes” to #21, please list the environmental documents that have been prepared, and when prepared:				

## **EXAMPLES OF STANDARDIZED COSTS**

- A. **Standardized costs for instream structures:** These standards are only to be used as a guide. The size of the stream, ease of access, and availability of materials will be considered in evaluating structure costs. (see examples in the DFG *California Salmonid Stream Habitat Restoration Manual* - Third Edition).
1. Anchored log structures will consist of logs of appropriate size for the stream they are to be placed in, but in no case less than a minimum of 12" in diameter and 10' in length.
    - a. Single digger logs (Figure VII-18) secured to boulders, bedrock or live trees standard costs of \$750.00. If a second log is included in the structure, add \$750.00 to the standard cost.
    - b. Spider log structures consisting of three logs (Figure VII-19) standard cost of \$2,250.00.
    - c. Log weirs consisting of single logs including straight log weirs (Figure VII-27), diagonal log weirs (Figure VII-29) and upsurge log weirs (Figure VII-34) have a standard cost \$750.00.
    - d. Log weirs consisting of multiple logs including downstream log weirs (Figure VII-28), upstream log weirs (Figure VII-30), and opposing log deflectors over a sill log (Figure VII-32) have a standard cost of \$2,250.00.
  2. Boulder structures will consist of boulders of the size appropriate for the target stream flow and site. In most streams, boulders included in weirs, clusters, and the apex of the wing deflectors should be a minimum of 3-foot in diameter.
    - a. With boulder weirs (Figure VII-21) or vortex boulder weirs (Figures VII-22, 23, 24) standard costs vary depending on the back full width of the stream, but are approximately \$2,000.00 per structure.
    - b. With boulder clusters (Figure VII-25) standard cost is \$250.00 per boulder.
    - c. With boulder wing deflectors (Figure-26) standard cost is \$2,250.00 per wing deflector.
- B. **Livestock exclusion fencing:** Fencing has a standard value of \$5.00 per linear foot.
- C. **Bank stabilization:** Stabilization projects have a standard value of \$50.00 per linear foot of installed rock or bioengineering techniques (see example figure VII-48, VII-59 and VII-60 in the DFG *California Salmonid Stream Habitat Restoration Manual* - Third Edition).
- D. **Rearing Projects:** Production costs used in evaluation of rearing proposals:
- The following cost standards for rearing of salmon and steelhead have been established using information from past experience with cooperative rearing projects.  
Adherence to these standards in establishing priority ratings will help control DFG cost for cooperatively reared fish and provided uniform cost criteria that can be applied to all proposed rearing projects.
1. DFG standard cost for rearing salmon are:
    - A. fingerlings ----- \$ 0.25/fish
    - B. yearlings ----- \$ 1.00/fish
  2. DFG standard cost used in evaluation of ocean – pen rearing of Chinook salmon, and rescued reared fish.
    - A. Fingerlings, short-term (0 to 1 month) ocean pen-pen rearing of Chinook salmon and rearing of rescued fish. ----- \$ 0.25
    - B. Yearlings, long term (2 to 6 month) ocean-pen-rearing of Chinook salmon. ----- \$ 1.00

- E. **Road erosion hazard inventory:** Up to \$1,200.00 per mile.
- F. **Sediment removal (deliverable to streams):** Up to \$15.00 per cubic yard.
- G. **Heavy Equipment:** DFG evaluators will compare proposed rates for heavy equipment budgeted with rental rates available in the project area from commercial rental vendors.